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- (v) The acceptance, to the extent practicable and economically feasible, of products and services dimensioned in the metric system of measurement.
- (vi) Preference, to the extent practicable and economically feasible, for products and services that conserve natural resources and protect the environment and are energy efficient.
- (b) Positive efforts shall be made by recipients to utilize small businesses, minority-owned firms, and women's business enterprises, whenever possible. Recipients of Federal awards shall take all of the following steps to further this goal.
- (1) Ensure that small businesses, minority-owned firms, and women's business enterprises are used to the fullest extent practicable.
- (2) Make information on forthcoming opportunities available and arrange time frames for purchases and contracts to encourage and facilitate participation by small businesses, minority-owned firms, and women's business enterprises.
- (3) Consider in the contract process whether firms competing for larger contracts intend to subcontract with small businesses, minority-owned firms, and women's business enterprises.
- (4) Encourage contracting with consortiums of small businesses, minority-owned firms and women's business enterprises when a contract is too large for one of these firms to handle individually.
- (5) Use the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Department of Commerce's Minority Business Development Agency in the solicitation and utilization of small businesses, minority-owned firms and women's business enterprises.
- (c) The type of procurement instruments used (e.g., fixed price contracts, cost reimbursement contracts, purchase orders, and incentive contracts) shall be determined by the recipient but shall be appropriate for the particular procurement and for promoting the best interest of the program or project involved. The "cost-plus-a-percentage-of-cost" or "percentage of construction cost" methods of contracting shall not be used.

- (d) Contracts shall be awarded only to responsible contractors who possess the potential ability to perform successfully under the terms and conditions of the proposed procurement. Consideration shall be given to such matters as contractor integrity, record of past performance, financial and technical resources or accessibility to other necessary resources. In certain circumstances, contracts with certain parties are restricted by implementation of E.O.s 12549 and 12689, "Debarment and Suspension," implemented at 22 CFR 137.
- (e) Recipients shall, on request, make available for the Department, preaward review and procurement documents, such as request for proposals or invitations for bids, independent cost estimates, etc., when any of the following conditions apply.
- (1) A recipient's procurement procedures or operation fails to comply with the procurement standards in the Department's implementation of this regulation.
- (2) The procurement is expected to exceed the small purchase limitation and is to be awarded without competition or only one bid or offer is received in response to a solicitation.
- (3) The procurement, which is expected to exceed the small purchase limitation, specifies a "brand name" product.
- (4) The proposed award over the small purchase limitation is to be awarded to other than the apparent low bidder under a sealed bid procurement.
- (5) A proposed contract modification changes the scope of a contract or increases the contract amount by more than the amount of the small purchase limitation.

§145.45 Cost and price analysis.

Some form of cost or price analysis shall be made and documented in the procurement files in connection with every procurement action. Price analysis may be accomplished in various ways, including the comparison of price quotations submitted, market prices and similar indicia, together with discounts. Cost analysis is the review and evaluation of each element of

cost to determine reasonableness, allocability and allowability.

§ 145.46 Procurement records.

Procurement records and files for purchases in excess of the small purchase limitation shall include the following at a minimum:

- (a) basis for contractor selection,
- (b) justification for lack of competition when competitive bids or offers are not obtained, and
 - (c) basis for award cost or price.

§145.47 Contract administration.

A system for contract administration shall be maintained to ensure contractor conformance with the terms, conditions and specifications of the contract and to ensure adequate and timely follow up of all purchases. Recipients shall evaluate contractor performance and document, as appropriate, whether contractors have met the terms, conditions and specifications of the contract.

§145.48 Contract clauses.

The recipient shall include, in addition to clauses to define a sound and complete agreement, the following clauses in all contracts. The following clauses shall also be applied to subcontracts.

- (a) Contracts in excess of the small purchase limitation shall contain contract clauses that allow for administrative, contractual, or legal remedies in instances in which a contractor violates or breaches the contract terms, and provide for such remedial actions as may be appropriate.
- (b) All contracts in excess of the small purchase limitation shall contain suitable clauses for termination by the recipient, including the manner by which termination shall be effected and the basis for settlement. The clauses shall describe conditions under which the contract may be terminated by the recipient for default of the contractor as well as conditions where the contract may be terminated for convenience because of circumstances beyond the control of the contractor.
- (c) Except as otherwise required by statute, an award that requires the contracting (or subcontracting) for construction or facility improvements

shall provide for the recipient to follow its own requirements relating to bid guarantees, performance bonds, and payment bonds unless the construction contract or subcontract exceeds \$100,000. For those contracts or subcontracts exceeding \$100,000, the Department may accept the bonding policy and requirements of the recipient, provided the Department has made a determination that the Federal Government's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows.

- (1) A bid guarantee from each bidder equivalent to five percent of the bid price. The "bid guarantee" shall consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder shall, upon acceptance of his bid, execute such contractual documents as may be required within the time specified.
- (2) A performance bond on the part of the contractor for 100 percent of the contract price or other amount approved by the Grants Officer. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.
- (3) A payment bond on the part of the contractor for 100 percent of the contract price. A "payment bond" is one executed in connection with a contract to assure payment as required by statute of all persons supplying labor and material in the execution of the work provided for in the contract.
- (4) Where bonds are required in the situations described herein, the bonds shall be obtained from companies holding certificates of authority as acceptable sureties pursuant to 31 CFR part 223, "Surety Companies Doing Business with the United States."
- (d) All negotiated contracts (except those for less than the small purchase limitation) awarded by recipients shall include a provision to the effect that the recipient, the Department, the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any books, documents, papers and records of the contractor which are directly pertinent to a specific program